

ABSTRACT

A method for protocol identification by recognizing determinative data among data transmitted through a detected connection using lists of explicit and implicit son protocols associated with each protocol. The kernel of an information system associates to each detected connection a data structure arranged so that it comprises an ordered sequence of the protocol names. The kernel builds the data structure by retrieving the son protocol names in the list associated to the last protocol name of said ordered sequence, the son protocol name for which the associated self identification mechanism recognizes determinant data among transmitted data by adding the retrieved son protocol name to the end of the sequence and by restarting to retrieve the son protocol name for which the associated self identification mechanism recognizes determinant data among transmitted data.